

Specification

B₁ Title: Change to - - Article Management System Using Reversible Folding Ties - -.

Page 19, lines 3-4, replace paragraph 2 with the following:

B₂ - - Fig 10 is a side elevational view of the tie used to bridge between prior-art cable wraps. - -

Page 47, replace the paragraph, beginning with line 18 on Page 47 and concluding with line 10 on Page 48, with the following:

B₃ - - The tie can have infinite variations in form, construction and components, so long as it can be selectively manipulated into at least first and second folded forms and at least a first unfolded form and has at least first and second pairs of releasable touch-surface fasteners. Each pair of fasteners comprises two members; the members of each pair being complementary mating members, such that each pair contains first and second member types that will mate with each other to form a releasable coupling, but members of the same type will not mate with each other. The tie has a segmented support element having at least first and second segments. The segments each have opposed first and second major sides. The first segment has the first member type of the first pair on the first major side, and the second segment has the second member type of the first pair on the first major side, so that the first and second segments are complementary segments with regard to the member types of the first pair on the first sides of the first and second segments. And the first segment has the first member type of the second pair on the second major side, and the second segment has the second member type of the second pair on the second major side, so that the first and second segments are complementary segments with regard to the first and second member types of the second pair on the second major sides of the first and second segments. And the tie also has a reversible-folding and joining means for joining at least two adjacent segments and providing a fold axis which permits the adjacent segments to fold together in first and second directions. The reversible-folding and joining means between adjacent segments can be provided by a continuous flexible support element common to adjacent segments, or it can be provided by a gap or discontinuity which is spanned by a flexible narrowed spanning element between two or more adjacent segments. The narrowed spanning element may comprise a twisting-folding-spanning element to permit twisting adjacent segments relative to one another. Whatever form it takes, the reversible-folding and joining means is placed medially between the respective first sides of the first

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and second segments that have the complementary mating members of the first pair. And the reversible-folding and joining means is also placed medially between the respective second sides of the first and second segments that have complementary mating members of the second pair. The arrangement of complementary touch-surface fasteners, segments and fold axis permits the first and second segments to be folded together in the first direction at the fold axis, such that the first and second segments will be placed in a first parallel orientation to form a first-side folded interface. When folded in the first direction, the first member type of the first pair on the first side of the first segment will be mated with the second member type of the first pair on the first side of the second segment, to form a releasable coupling inside the first-side folded interface, thereby forming the first folded form. The first folded form has both members of the second pair on the outsides. The first and second segments can also be folded together in the second direction at the fold axis, such that the first and second segments will be placed in a second parallel orientation to form a second-side folded interface, and the first member type of the second pair on the second side of the first segment will be mated with the second member type of the second pair on the second side of the second segment, to form a releasable coupling inside the second-side folded interface, thereby forming the second folded form. The second folded form has both members of the first pair on the outsides. The tie can have multiple segments unfolded in a common plane and arranged to form an elongated tie that is strip-like and also may be furcated. Three segments may be arranged radially from a central point to make an approximately star-like tie when the segments are unfolded and in a common plane. Four or more segments of the tie may also be arranged in approximately horizontal arrays and approximately vertical arrays to form an approximately checkerboard-like tie when the segments are unfolded and in a common plane. The ties enable a unique and original system of modular management. Clustering is a method of use wherein the ties enfold articles, and the ties are clustered together to provide clustered securement for the enfolded articles held by the folded ties. The tie may also be used in a method of spatial-bridging to attach fasteners that may not touch. Additionally, the system of the tie also comprises a method of same-gender bridging permitting same type gender fasteners to be attached to one another using the tie as a same-gender bridge. Additionally, the ties enable a method of weak-securement which consists of providing at least one additional touch-surface fastener and pressing the additional touch-surface fastener to an exposed fastener on the outside of the tie, to mate the additional touch-surface fastener to the exposed fastener, such that the tie and the additional touch-surface fastener are attached together and may be pulled apart by tugging; thereby to provide weakly-secure attachment for the moveable articles held by the reversible folding tie.
